

# ANCHORAGE AMATEUR RADIO CLUB

PRESIDENT - ED BOSCO - WL7BOR - 345-4530

CLUB PHONE: 345-0719

JUNE 1990      JUNE 1990      JUNE 1990

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## ELECTIONS      ELECTIONS      ELECTIONS

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The Annual Club Election will take place at the General Meeting on June 1st. Following are a list of the Candidates to date. Remember that there must be two candidates for each Office. Where only one name is shown we need another. Please think about this before the meeting and be ready for nominations.

PRESIDENT  
WL7BOR-Ed Bosco

VICE-PRESIDENT  
KL7FZ-Steve Tolley  
KL7NR-Cathi Moody

SECRETARY  
NL7AB-Muriel 'Mike' Atwood

TREASURER

ACTIVITIES MANAGER

THREE YEAR BOARD MEMBER

KL7YF-Rick Marvin  
AL7BK-Lance Dunbar

ONE YEAR BOARD MEMBER (SIX TO BE ELECTED)

KL7GN-Gordon Nightingale  
AL7KS-Bob Griffin  
NL7DL-Lil Marvin

KL7NR-Cathi Moody  
AL7IM-Eric Stewart  
NL7KN-Dianne Hammer

KL7HD-Mark Hadley  
KL7HM-Fred Toliver  
AL7JZ-David Evans

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## HAM CALENDAR

JUNE 1-- AARC General Meeting, Spenard Rec Ctr, 2020 W. 48th 7 PM  
ELECTION BE READY

JUNE 9-- May PARKA Mtg. Technical mtg. Hams or non-Hams Invited.  
NL7KN-Dianne QTH 1001 Boniface Sp. 7-0

JUNE 13- AARC Board Meeting. Hope Cottage Mtg Rm. 2805 Bering St.  
7 PM Both Old and New Board!!

JUNE 23/24 FIELD DAY Location to be announced. Set up Nite before  
All Interested call Ed-WL7BOR or see him at Club Meeting

JUNE 30- June PARKA Mtg. Social mtg. TBA Don't forget PARKAS on  
90/30 Thursdays at 8:30 PM.

JULY 6-- AARC General Meeting

## AARC General Meeting, May 4, 1990

The meeting was brought to order by president Ed Bosco at 7:15 p.m.

Susan Woods, NL7NN, was presented with her Life Membership certificate. Congratulations, Susan!

Lance Dunbar reminded everyone that if they renew AARL dues through the club, the club receives a part of the money.

Doug Dickinson, KL7IKX, announced that final plans are being made to place the digipeater on the ARCO tower. Anchat will also be placed on the tower. The membership gave a hearty round of applause as a thank you to ARCO Alaska for their generous donation.

Harvey Rookus, NL7DK, displayed the plaque, certificate and \$500.00 check that was awarded to the club by the Anchorage Association for Volunteers. The award was won for 2800 or more volunteer hours in the category of organizations with no paid staff and more than 75 volunteers. Thanks was given to Harvey for pursuing the award on behalf of the club.

Harvey is looking for volunteers for next year's club officers. Susan Wood and Blaine Keener are also on the nominating committee so be sure to talk to them before June 1 so your name can be entered on the ballot.

Ed Bosco is looking for people who are willing to work on setting up field day and is also open to suggestions for a site selection.

Bill Balzarini, KL7BB, gave a talk on contesting. He passed on to everyone tips and information which he has learned firsthand from contesting. If you ever go to Bill's house for a contest, be sure to bring chocolate chip cookies and classic coca cola!

After the drawing, the meeting was adjourned at approximately 9:15 p.m.  
Submitted by Nancy Brophy, NL7PN, secretary.

For Sale    For Sale

Prometheus 1200  
External Modem, 512 K  
RAM, Printer Port  
Digital Display, Clock  
115 VAC Powered, 300/1200  
Baud. New cost \$625.00  
Asking \$50  
KL7HFM-Fred 274-3464



## AARC Board Meeting, May 9, 1990

The meeting was brought to order at 7:05 p.m. by president Ed Bosco.

Rick Marvin, KL7YF, had a request that the treasurer's report figures be published in the newsletter monthly instead of semiannually. Ed Bosco instructed Rick to research the by-laws and report back to the board.

The board asked the secretary to send a thank you letter to Anchorage Volunteers Association for their donation to the club.

Mark Hadley, KL7HT, passed out copies of guidelines for use of the club call sign that his committee has drawn up. Board members were asked to look these over and be ready to vote on them at the next board meeting.

The majority of the meeting was dedicated to discussing Iditarod's use of the KL7AA (146.67) repeater. Bill Reiter, club trustee, presented a letter from the FCC addressed to the Anchorage Amateur Radio Club regarding violations that occurred during the 1990 Iditarod Race. Bill stated that the simple solution to the problem would be to take the KL7AA identification off of the 146.67 repeater. However, he also stated that morally we have an obligation to the ham community and this problem should be addressed and resolved between the club and the Iditarod Communications committee.

The topic was discussed for approximately an hour and half and everyone in attendance had a chance to voice their opinion and possible solutions. The general consensus was that some procedure for coordination of use of the repeater and standard operating procedures should be established in writing and presented to the Iditarod communications committee as soon as possible so things can get on the right track for next year's race. A motion to appoint a committee of five members to take care of this matter was passed. Appointed to the committee were Bill Reiter, Jim Moody, Bill Capers, Rich Runyan and Rick Marvin.

Mark Hadley informed everyone that if you listen to 145.5 FM you might hear the Soviets on their space station. Best listening time is after 1800 and on weekends.

Ed Bosco notified the board that the Spenard Rec Center is reserved for the general meeting for the remainder of the year. There is a conflict in November so the November general meeting will be held on Nov. 9 instead of Nov. 2.

Meeting was adjourned at 9 p.m.

Submitted by Nancy Brophy, NL7PN, secretary.



# THE WORLD RADIOSPORT TEAM CHAMPIONSHIP

## BE A PART OF HISTORY

In July and August, 1990, 2,500 invited world-class athletes from around the world will gather in Seattle for the 1990 Goodwill Games™. "Uniting the world's best™" is the motto of these Games.

In keeping with the spirit of the Goodwill Games, a similar competitive event with world class amateur radio contesters has been planned. The World Radiosport Team Championship, held in cooperation with the Goodwill Exchange Program of the 1990 Goodwill Games, is endorsed by the Radio Sport Federation in the Soviet Union and the American Radio Relay League in the U.S.

On July 20th, 1990, up to 23 international teams of the world's best HF contesters will participate in the historic World Radiosport Team Championship.

By contacting these teams you too can be part of history. Make 5 contacts during this ten hour event with the World Radiosport Team Championship contesters and you will receive an official WRTC participation certificate, contact 30 of the official teams and receive a WRTC commemorative pin, and the top 500 scores submitted will win the official WRTC T-shirt FREE!

"In all my years of contesting, there have always been geographic advantages that couldn't be overcome no matter how hard you tried," comments Operating Event Chairman, Martti Laine, OH2BH. "For the first

time, all of the competitors will be gathered in the same area and will play on a level playing field to establish the true champions."

In addition to the four US and four USSR teams, competitors have been invited from Japan, Canada, Spain, Yugoslavia, Hungary, Bulgaria, England, Sweden, Finland, Italy, France, Germany, Czechoslovakia, Brazil and Argentina. All teams will use fully equipped ICOM stations.

Members of the American team include K1AR, KQ2M, K7JA, K1DG, KRØY, W9RE, W7EJ and AA4NC. The Honorary U.S. Team Captain is Katashi Nose, KH6IJ, and the alternates are K1CC, N2AA and KNØE. The international teams are now being finalized.

The ten-hour competition begins on July 20, 1990, at 2100 UTC. All standard contest bands from 80-10 meters will be used on both CW and SSB. Official WRTC stations will be identified by having /WG (World Games) after their call. Check the July issue of most ham magazines for complete rules.

In addition to our sponsors, the WRTC is also supported by CQ Magazine & Joe Mullin, W3RLR.

Be a part of history! For more information and log sheets, send an SASE to: WRTC, 4821 - 51st SW, Seattle, WA 98116. We'll see YOU on the air!

Sponsored by:



**HAM  
RADIO  
OUTLET**

**US  
TOWER**

**MFJ**

**ICOM**

To meet the competitors, plan on attending the Pacific Northwest DX Convention in Portland, OR, July 20-22. For more information, write to PNW DX Convention, c/o W7ZR, Rt. 1, Box 518, Beaverton, OR 97007.



## RULES OF THE 1990 WORLD RADIOSPORT TEAM CHAMPIONSHIP

- DATE:** July 20-21, 1990
- TIME:** 2100 - 0700 UTC
- OBJECT:** For amateurs throughout the world to work the World Radiosport Championship Teams and each other. The World Radiosport Team Championship is in cooperation with the Goodwill Exchange Programs of the 1990 Goodwill Games. Invited teams from around the world will compete in Seattle, Washington, USA, for the world championship. There will be up to 23 competing 2 operator stations signing with special designator /WG (World Games). They will not be identifying in regards to their nationality and they will all be using the same power and similar antennas. All WRTC stations will be located in the Seattle area. The WRTC is sponsored by ICOM, Ham Radio Outlet, U.S. Tower and MFJ. Also supported by CQ Magazine and Joe Mullin, W3RLR.
- MODE:** SSB and CW on 80-40-20-15-10 meters. The following windows are recommended and will be used by the WRTC stations:  
 CW: 3525-3550, 7025-7050, 14025-14050, 21025-21050, 28025-28050 kHz  
 SSB: 3775-3925, 7150-7250 (and split), 14200-14300, 21300-21400, 28400-28500 kHz
- CATEGORY:** All band only. Single operator. Multi-operator, single transmitter. Multi-operator, multi-transmitter. All per CQWW Rules. Work any station once per band/mode.
- EXCHANGE:** RST and serial number starting with 001.
- POINTS:** 50 points for working WRTC station (/WG) (each band/mode)  
 3 points for different continent  
 2 points for same continent, different country  
 1 point same country  
 2X point value for each CW QSO
- MULTIPLIERS:** US, VE and JA call areas; DXCC Countries; WRTC stations (/WG). All per band/mode.
- SCORING:** QSO points x multipliers is final score
- AWARDS:** 1. The winning world Radiosport Championship Teams will receive gold, silver and bronze medals.  
 2. Work 5 WRTC (/WG) QSO's, win a certificate or work 30 WRTC (/WG) QSO's, win a WRTC Commemorative Pin or be in the top 500 scores and receive a **FREE** WRTC T-shirt (include size, S-M-L-XL, on summary sheet). For awards, all band and modes count.
- LOG DUE DATE:** Must be postmarked by August 20, 1990
- MAIL TO:** World Radiosport Team Championship, 4821 - 51st SW, Seattle, WA, U.S.A 98116

*Decisions of the committee are final.*

## ROSTER UPDATES

Effective May 1, 1990

## NEW MEMBERS

|        |                             |                    |           |    |
|--------|-----------------------------|--------------------|-----------|----|
|        | Baker, Robert               | 840 Breakwater Cir | Anchorage | Ak |
|        | 99515 H:345-4692            |                    |           |    |
| WL7BUJ | Doyle, Bernie               | POB 4351           | Kenai     | Ak |
|        | 99611 H:283-7324 W:659-8429 |                    |           |    |

## CHANGES, ETC.

|        |   |
|--------|---|
| NL7AB  | Attwood, Muriel A - Change work phone to 267-3433                                 |
| KL7IZJ | Barbarick, Deanna - Change address to POB 670841, Chugiak, Ak 99567-0481          |
| KL7IXT | Barbarick, Mike - Change address to POB 670481, Chugiak, Ak 99567-0481            |
| NL7HQ  | Edmondson, Derek - DELETE - Membership lapsed                                     |
| KL7XD  | Estes, Steven A - Change address to POB 165, Ester, Ak 99725                      |
| KL7FA  | Janson, Lone E - Change address to 3605 Arctic Bl #1409, Anchorage, Ak 99503-5789 |
| WL7BTF | Little, Bobby - DELETE - Membership lapsed  |
| W7ICI  | Lupo, Bob - Correct POB to read 773166  |
| AL7IR  | McKenzie, Gus E - Change work phone to 271-5358                                   |
| N6USW  | Pask, Tom - Change callsign to NL7TP  |
| NL7LV  | Swan, Michael T - Change address to 24-385C Dahlia Ct., EAFB, Ak 99506-1632       |

## ARCTIC ARC REPEATERS

146.28/88 Ester Dome covers Fairbanks area to Healy, Manley, Salcha---linked to 223.28/224.88 and 144.80/145.40---120 watts output. Remote input at 9 mile CHS Rd 147.48

223.23/224.88 Ester Dome--Same area as above 12 watts output

144.80/145.40 Donley Dome-Delta Junction area covers Blackrapids to the south, Gerstle River to East and Richardson Hwy to Fairbanks--linked to Ester Dome 5 watt output.

146.34/94 University of AK--covers Fairbanks area Autopatch "\*" up "\*" down 12 watt output

449.10/444.18 Murphy Dome--Fairbanks area coverage

146.19/79 Johnson Rd--Eielson AFB--wide area coverage

147.09/69 Ft. Wainwright--Fairbanks area

146.16/76 Denali Park--covers Healy south to Carlo Creek

The repeater 146.19/79 courtesy of Will Darcy AL7AC, and the 147.09/69 repeater courtesy of the Borealis RC.

Thanks to Arctic ARC and Steve KL7XD



WALK FOR HOPE

The 20th(21st to some) annual Walk for Hope is now history. This year the weather was beautiful. There were about 2008 walkers who started, up from last year's 1600. Although cool in the morning, it was a beautiful day for a walk, or sunbathing at the checkpoint. I spent most of the day out of my motorhome walking around enjoying the sun. The hand held got a good workout. The walk went smoothly and, except for the usual blisters, sore muscles and tired feet, there were no emergencies. The pick up and delivery service went smooth and the wait times were shorter than in the past. Other than a couple of anxious parents, there were no problems.

There are many people to thank, so here goes. If I miss anyone I'm sorry.

First, thanks to KL7DU, who did a marvelous job of providing the base station link to headquarters and keeping the walk director informed of what was happening.

Second, thanks to KL7IMD for riding shotgun and providing our liaison communications with the first aid folks.

Third, thanks to KL7VC, NL7DL, KL7ZH, NL7KN, W4IGM, KL7GM, NL7AV, KL7JIM, NL7DD, And AL7FS for providing communications at each check station.

Third, thanks to NL7DK, KL7FHX, KL7VC, NL7DL, NL7NN, and KL7WM, who provided communicators for the pick up and delivery service.

Finally, to all the folks on the 34/94 repeater who stood by and put up with the traffic all day.

Well that about wraps up the Walk for Hope for another year. I would like to take this opportunity to personally thank all the people who helped. It is especially gratifying for me to have people who worked say "see you next year" as they are leaving. Some have even staked out a specific checkpoint and have started new friendships with other volunteers. This is my 16th year and it gets better and better. See you next year.

73es

Bill, KL7ITI

Agreement Between  
The Federal Communications Commission  
Field Operations Bureau  
and  
The American Radio Relay League, Inc.  
with respect to amateur volunteers

1. The Field Operations Bureau (FOB) of the Federal Communications Commission (FCC) and the American Radio Relay League, Inc. (ARRL) agree to cooperate in a joint effort to improve rules compliance in the Amateur Radio Service, as provided for in Public Law 97-259 (the Communications Amendments Act of 1982).

The objectives of this program are to foster a wider knowledge of and better compliance with laws, rules and regulations governing the Amateur Radio Service, to extend the concepts of self-regulation and self-administration of the Service, and to enhance the opportunity for individual amateurs to contribute to the public welfare as outlined in the basis and purpose of the Amateur Radio Service, while enabling the Field Operations Bureau to efficiently and effectively use its manpower and services.

The FOB has entered into this agreement with the ARRL to avail itself of the services of the League's Field Organization. FOB may elect to enter into other agreements.

Regional Monitoring Stations, or other members of the ARRL Field Organization, as directed by ARRL procedures in each case, are the focal points for liaison and the primary communications channel between organized amateurs and the FOB field facilities. This program, the foundation of which will be the ARRL Official Observers, will be known as the Amateur Auxiliary to the Field Operations Bureau. FOB's Regional Directors are responsible for the overview and the direction of the Amateur Auxiliary program in their regions, in conjunction with designated ARRL field officials, and will jointly review local policies, practices and procedures, and work together, looking to achieve solutions to problems and regional consistency in accordance with FOB's manual for the Amateur Auxiliary which contains basic overall guidance.

2. Under this specific Amateur Auxiliary agreement, FCC personnel and amateur volunteers may interact to perform the following functions:

- a. maintenance monitoring of the Amateur Radio Service frequencies
- b. fostering wider knowledge of the rules
- c. responding to complaints/allegations and developing procedures which emphasize cooperative "no fault" solutions, and if and when impasses occur, aid and encourage development of solutions through independent mediation.



- d. signal identification/source location in support of FOB field facilities
- e. courtesy Amateur Radio station evaluation (this function can only be activated upon specific approval of an FOB Regional Director)
- f. FOB enforcement support (this function can only be activated upon specific approval of an FOB Regional Director)
- g. other specific projects as appropriate (information collection, support during emergency operations and so forth).

3. In order for the provisions of paragraph two (2) of this Agreement to be applied in a location where the need is identified by the parties, the FCC field facility supervisor and the designated ARRL Field Organization official may agree to implement any of the functions of the Amateur Auxiliary as outlined above, provided approval for national implementation of that function has been granted and appropriate training material has been prepared, and the appropriate ARRL official has authorized such action as to the specific case under consideration.

4. All prospective members of the Amateur Auxiliary will be required to undergo a training and certification procedure administered by ARRL, and successful completion of such training/certification will be required for enrollment.

5. The above outlined cooperative program is hereby agreed to by the signatories and is in force as of the date indicated below. This agreement may be amended by mutual agreement of both parties and will remain in effect until terminated. FCC/FOB and ARRL will periodically review this agreement and coordinate such revisions as may be necessary. Upon 90 days written notice, this agreement may be terminated by either party.

March 28, 1984  
Date

Richard M. Smith  
for FCC

David Sumner  
for ARRL

# *Ham Radio History*

*from LYARS Newsletter*

**4 Billion B.C.** — Earth is a swirling ball of flaming gases. Propagation is extremely poor.

**1 Billion B.C.** — First dry land appears. It is divided up into squares. County Hunters Club formed.

**500 Million B.C.** — Second patch of dry land appears. First DXpedition. Credit disallowed because of questionable licensing agreement.

**400 Million B.C.** — Flowering plants and grasses evolve. Telrex invents first beam antenna but sales are slow because of lack of suitable structures.

**300 Million B.C.** — First tree appears. It is immediately cut down, stripped of branches, placed in a concrete base and named a telephone pole. Telrex sells first beam.

**200 Million B.C.** — Second beam sold by Telrex. Installer falls from top of pole. First safety belt sold.

**100 Million B.C.** — First mountain appears. Repeater invented.

**50 Million B.C.** — It is decided by WARC that "seek you" is too cumbersome to send on CW. So abbreviation "CQ" is adopted.

**4 Million B.C.** — Humans replace swine as dominant species. The name "Ham Operator" hangs on, however.

**3 Million B.C.** — Dugout canoe invented. Maritime Mobile net formed on 14.313 MHz.

**2 Million B.C. to 800 A.D.** — Nothing much happens for a long time.

**900 A.D.** — Chinese invent gunpowder. BY1AA is first "Big Gun" DXer.

**1790 A.D.** — Ben Franklin invents long wire receiving antenna. Ground switch invented.

**1961 A.D.** — Second repeater erected. First repeater group refuses to change frequency. First frequency coordinator appointed.

**1990 A.D.** — Amateur radio humor sinks to a new low.



| CATEGORY                  | BUDGET      | Jan        | Feb        | Mar        | Apr        | May        | Total       | Discrep.      |
|---------------------------|-------------|------------|------------|------------|------------|------------|-------------|---------------|
| ***INCOME***              |             |            |            |            |            |            |             |               |
| Activities 1000           |             |            |            |            |            |            |             |               |
| General 1010              | \$250.00    |            |            |            |            |            | \$0.00      | (\$250.00)    |
| Flea Market 1020          | \$5,000.00  |            |            |            |            |            | \$0.00      | (\$5,000.00)  |
| AARC Store 1030           | \$500.00    | \$45.00    |            |            |            |            | \$45.00     | (\$455.00)    |
| Flea Market Banquet 1040  | \$1,000.00  |            |            |            |            |            | \$0.00      | (\$1,000.00)  |
| Gaming 1100               |             |            |            |            |            |            | \$0.00      | \$0.00        |
| Bingo 1110                | \$6,000.00  | \$2,243.98 | \$792.97   | \$1,144.37 | \$1,310.45 | \$2,617.50 | \$8,109.27  | \$2,109.27    |
| Pull Tabs 1120            | \$36,000.00 | \$1,854.00 | \$2,636.00 | \$2,633.00 | \$2,634.00 | \$1,759.00 | \$11,516.00 | (\$24,484.00) |
| Raffles 1130              | \$2,500.00  |            |            |            |            |            | \$0.00      | (\$2,500.00)  |
| Membership 1200           |             |            |            |            |            |            | \$0.00      | \$0.00        |
| General 1210              | \$3,600.00  | \$895.00   | \$540.00   | \$285.00   | \$290.00   | \$80.00    | \$2,090.00  | (\$1,510.00)  |
| Life Membership 1220      | \$1,000.00  |            | \$250.00   |            |            |            | \$250.00    | (\$750.00)    |
| AARL Membership 1230      | \$180.00    | \$25.00    | \$72.00    | \$65.00    | \$25.00    |            | \$187.00    | \$7.00        |
| Miscellaneous 1300        |             |            |            |            |            |            | \$0.00      | \$0.00        |
| General 1310              | \$300.00    |            |            |            |            |            | \$0.00      | (\$300.00)    |
| Reimbursements 1320       |             |            |            |            |            |            | \$0.00      | \$0.00        |
| Donations 1330            | \$250.00    |            |            |            |            | \$500.00   | \$500.00    | \$250.00      |
| Advertising 1340          | \$300.00    |            | \$60.00    |            |            |            | \$60.00     | (\$240.00)    |
| Interest 1350             | \$1,500.00  | \$273.61   | \$152.22   | \$144.33   | \$229.23   | \$348.90   | \$1,148.29  | (\$351.71)    |
| Total Income              | \$58,380.00 | \$5,336.59 | \$4,503.19 | \$4,271.70 | \$4,488.68 | \$5,305.40 | \$23,905.56 | (\$34,474.44  |
|                           |             |            |            |            |            |            |             | (\$34,474.44  |
| ***EXPENDITURES***        |             |            |            |            |            |            |             |               |
| Activities 2000           |             |            |            |            |            |            |             |               |
| General 2010              | \$250.00    |            |            |            |            |            | \$0.00      | (\$250.00)    |
| Flea Market 2020          | \$3,500.00  |            |            |            |            |            | \$0.00      | (\$3,500.00)  |
| AARC Store 2030           | \$500.00    |            |            |            |            |            | \$0.00      | (\$500.00)    |
| Flea Market Banquet 2040  | \$1,000.00  |            |            |            |            |            | \$0.00      | (\$1,000.00)  |
| Gaming 2100               |             |            |            |            |            |            | \$0.00      | \$0.00        |
| Bingo 2110                |             |            |            |            |            |            | \$0.00      | \$0.00        |
| Pull Tabs 2120            | \$28,400.00 | \$467.00   | \$823.00   | \$1,544.00 | \$437.50   | \$1,042.50 | \$4,314.00  | (\$24,086.00) |
| Raffles 2130              | \$1,500.00  |            |            |            |            |            | \$0.00      | (\$1,500.00)  |
| Membership 2200           |             |            |            |            |            |            | \$0.00      | \$0.00        |
| AARL Payments 2230        | \$1,000.00  | \$20.00    | \$65.00    | \$60.00    | \$23.00    |            | \$168.00    | (\$832.00)    |
| Miscellaneous 2300        |             |            |            |            |            |            | \$0.00      | \$0.00        |
| General 2310              | \$300.00    | \$212.20   |            | \$150.00   |            |            | \$362.20    | \$62.20       |
| Advertising 2320          | \$500.00    |            |            |            |            |            | \$0.00      | (\$500.00)    |
| Insurance 2330            | \$1,100.00  |            |            |            |            |            | \$0.00      | (\$1,100.00)  |
| Iditarod 2331             | \$350.00    |            |            |            |            |            | \$0.00      | (\$350.00)    |
| Westlink 2332             | \$200.00    |            |            |            |            |            | \$0.00      | (\$200.00)    |
| Little League 2333        | \$250.00    |            |            |            |            |            | \$0.00      | \$7.00        |
| Blood Bank/Red Cross 2334 | \$0.00      |            |            | \$850.00   |            |            | \$850.00    | \$850.00      |
| Professional Fees 2340    | \$250.00    |            |            |            |            |            | \$0.00      | (\$250.00)    |
| Postage 2350              | \$2,530.00  | \$60.00    | \$21.25    | \$25.00    | \$625.00   |            | \$731.25    | (\$1,798.75)  |
| Newsletter 2360           | \$4,500.00  | \$184.00   | \$176.00   | \$268.00   | \$200.00   | \$200.00   | \$1,028.00  | (\$3,472.00)  |
| Licenses & Fees 2370      | \$250.00    |            |            | \$100.00   |            | \$50.00    | \$150.00    | (\$100.00)    |
| State Taxes 2371          | \$0.00      |            | \$62.34    | \$124.68   | \$160.42   | \$62.34    | \$409.78    | \$409.78      |
| Rentals 2380              | \$1,000.00  | \$120.00   |            | \$327.50   |            |            | \$447.50    | (\$552.50)    |
| Telephone 2390            | \$1,200.00  | \$114.68   | \$68.06    | \$122.35   | \$62.16    | \$122.56   | \$489.81    | (\$710.19)    |
| Repairs 2391              | \$3,000.00  |            | \$20.00    | \$502.95   |            |            | \$522.95    | (\$2,477.05)  |
| Supplies & Materials 2392 | \$0.00      |            | \$4.76     |            |            |            | \$94.76     | \$94.76       |
| UEC 2395                  | \$600.00    | \$55.00    |            |            |            |            | \$55.00     | (\$545.00)    |
| Capital Expenditures 2400 |             |            |            |            |            |            | \$0.00      | \$0.00        |
| Equipment Purchases 2410  | \$4,000.00  |            | \$812.31   | \$390.00   |            |            | \$1,202.31  | (\$2,797.69)  |
| Scholarships 2500         |             |            |            |            |            |            | \$0.00      | \$0.00        |
| APU 2510                  | \$1,200.00  |            |            |            |            |            | \$0.00      | (\$1,200.00)  |
| Total Expenditures        | \$57,380.00 | \$1,232.88 | \$2,142.72 | \$4,464.48 | \$1,508.08 | \$1,477.40 | \$10,825.56 | (\$46,297.44  |
| RESERVES                  | \$1,000.00  | \$4,103.71 | \$2,360.47 | (\$192.78) | \$2,980.60 | \$3,828.00 | \$13,080.00 | \$11,823.00   |
|                           |             |            |            |            |            |            | Excess      | Unspent       |

## AARC Check Register First National Bank 1990

| Number | Date      | Payee                   | Acct | Amount     | Deposit    | Balance     |
|--------|-----------|-------------------------|------|------------|------------|-------------|
| 1658   | 04-Jan-90 | Alacorn                 | 2380 | \$120.00   | \$7,223.52 | \$7,103.52  |
| 1659   | 05-Jan-90 | Parnell Printing        | 2360 | \$184.00   |            | \$6,919.52  |
| 1660   | 05-Jan-90 | Postmaster              | 2350 | \$60.00    |            | \$6,859.52  |
| 1661   | 05-Jan-90 | Hansen                  | 2395 | \$55.00    |            | \$6,804.52  |
| 1662   | 06-Jan-90 | ATU                     | 2390 | \$56.31    |            | \$6,748.21  |
| 1663   | 10-Jan-90 | HofBrau                 | 2120 | \$467.00   |            | \$6,281.21  |
| 1664   | 10-Jan-90 | NBSL                    | 2230 | \$20.00    |            | \$6,261.21  |
| 1665   | 13-Jan-90 | ATU                     | 2390 | \$27.59    |            | \$6,233.62  |
| 1666   | 13-Jan-90 | BCI                     | 2380 | \$30.39    | \$2,743.98 | \$8,447.22  |
| 1667   | 10-Jan-90 | Bosco                   | 2310 | \$91.20    | \$934.00   | \$9,290.02  |
| 1668   | 13-Jan-90 | Parnell Printing        | 2382 | \$31.08    | \$32.50    | \$9,291.43  |
| 1669   | 26-Jan-90 | FNB ( MO )              | 2310 | \$121.00   | \$400.00   | \$9,570.43  |
| 1670   | 03-Feb-90 | Parnell Printing        | 2360 | \$176.00   | \$210.00   | \$9,604.43  |
| 1671   |           | Void                    |      |            |            | \$9,604.43  |
| 1672   | 26-Jan-90 | Postmaster              | 2380 | \$21.25    | \$222.00   | \$9,806.18  |
| 1673   | 03-Feb-90 | BCI                     | 2380 | \$1.04     | \$60.00    | \$9,964.14  |
| 1674   | 03-Feb-90 | Peck & Co               | 2120 | \$225.34   | \$920.00   | \$10,659.80 |
| 1675   | 04-Feb-90 | Shearson-Lehman-Hutton  |      | \$5,033.32 | \$370.00   | \$5,994.88  |
| 1676   | 11-Feb-90 | NBSL                    | 2230 | \$65.08    |            | \$5,929.80  |
| 1677   | 11-Feb-90 | Fred Meyer              | 2410 | \$207.36   | \$482.00   | \$6,214.52  |
| 1678   | 14-Feb-90 | Harvin                  | 2382 | \$94.76    |            | \$6,119.76  |
| 1679   | 17-Feb-90 | ATU                     | 2380 | \$53.79    |            | \$6,065.98  |
| 1680   | 17-Feb-90 | Ungar                   | 2381 | \$20.08    |            | \$6,045.90  |
| 1681   | 17-Feb-90 | Dana-Data               | 2410 | \$604.95   |            | \$5,441.00  |
| 1682   | 20-Feb-90 | ATU                     | 2390 | \$13.24    | \$792.37   | \$6,226.76  |
| 1683   | 03-Mar-90 | BCI                     | 2380 | \$1.66     |            | \$6,219.10  |
| 1684   | 02-Mar-90 | Parnell Printing        | 2360 | \$268.08   |            | \$5,951.10  |
| 1685   | 02-Mar-90 | Anchorage               | 2380 | \$327.50   |            | \$5,623.60  |
| 1686   | 04-Mar-90 | Alaska Computer Brokers | 2410 | \$390.00   |            | \$5,233.60  |
| 1687   |           | Void                    |      |            |            | \$5,233.60  |
| 1688   | 04-Mar-90 | Halcox                  | 2310 | \$159.00   |            | \$5,082.60  |
| 1689   | 07-Mar-90 | Shearson-Lehman-Hutton  |      | \$2,500.00 |            | \$2,582.60  |
| 1690   | 07-Mar-90 | State of Alaska         | 2370 | \$109.00   |            | \$2,483.60  |
| 1691   | 07-Mar-90 | ATU                     | 2390 | \$46.31    |            | \$2,437.29  |
| 1692   | 08-Mar-90 | ATU                     | 2390 | \$41.14    |            | \$2,396.15  |
| 1693   | 10-Mar-90 | Blood Bank of Alaska    | 2334 | \$800.00   |            | \$1,596.15  |
| 1694   | 14-Mar-90 | Hedley                  | 2381 | \$42.95    | \$856.00   | \$2,380.20  |
| 1695   | 14-Mar-90 | Dunbar                  | 2350 | \$25.00    | \$350.00   | \$2,714.20  |
| 1696   | 14-Mar-90 | NBSL                    | 2230 | \$40.00    | \$1,780.00 | \$4,434.20  |
| 1697   | 17-Mar-90 | ATU                     | 2390 | \$13.24    |            | \$4,420.96  |
| 1698   | 17-Mar-90 | Red Cross               | 2334 | \$59.00    |            | \$4,370.96  |
| 1699   | 19-Mar-90 | Hedley                  | 2381 | \$460.00   |            | \$3,910.96  |
| 1700   | 19-Mar-90 | Chief's Inn             | 2120 | \$880.00   |            | \$3,030.96  |
| 1701   | 19-Mar-90 | HofBrau                 | 2120 | \$428.00   | \$50.00    | \$2,642.96  |
| 1702   | 29-Mar-90 | Peck & Co               | 2120 | \$490.68   | \$1,144.37 | \$3,336.65  |
| 1703   | 04-Apr-90 | BCI                     | 2395 | \$15.85    |            | \$3,320.80  |
| 1704   | 04-Apr-90 | ATU                     | 2390 | \$46.31    |            | \$3,274.49  |
| 1705   | 04-Apr-90 | State of Alaska         | 2371 | \$160.42   |            | \$3,114.07  |
| 1706   | 05-Apr-90 | HofBrau                 | 2120 | \$437.50   | \$875.00   | \$3,551.57  |
| 1707   | 06-Apr-90 | Parnell Printing        | 2360 | \$200.00   |            | \$3,351.57  |
| 1708   | 06-Apr-90 | Postmaster              | 2350 | \$600.00   |            | \$2,751.57  |
| 1709   | 06-Apr-90 | Ungar                   | 2810 | \$60.00    |            | \$2,701.57  |
| 1710   | 07-Apr-90 | Postmaster              | 2350 | \$25.00    |            | \$2,676.57  |
| 1711   | 11-Apr-90 | NBSL                    | 2230 | \$23.00    | \$1,310.45 | \$3,964.02  |
| 1712   | 01-May-90 | Shearson-Lehman-Hutton  |      | \$2,637.32 | \$815.00   | \$2,141.70  |
| 1713   | 01-May-90 | Parnell Printing        | 2360 | \$200.00   |            | \$1,941.70  |
| 1714   | 01-May-90 | Peck & Co               | 2120 | \$225.34   |            | \$1,716.36  |
| 1715   | 01-May-90 | ATU                     | 2390 | \$36.01    |            | \$1,680.35  |
| 1716   | 01-May-90 | Chief's Inn             | 2120 | \$879.50   |            | \$800.85    |
| 1717   | 05-May-90 | State of Alaska         | 2370 | \$80.00    | \$80.00    | \$720.85    |
| 1718   | 05-May-90 | ATU                     | 2390 | \$46.74    |            | \$674.11    |
| 1719   |           | Void                    |      |            |            | \$674.11    |
| 1720   | 11-May-90 | ATU                     | 2390 | \$38.01    |            | \$636.10    |

## CW FOREVER

You must have, at times, thought into the past,  
Where some things go out, while others last,  
What comes to my mind is the Old Morse Code,  
That has weathered the storms from any abode,

To talk with ones fingers, is surely an art,  
Of any info you care to impart,  
In most conditions the signals get thru,  
While the same about phone is simply not true.

Those dits and dahs cut through the trash,  
Of nearby noise or lightning's crash,  
To the sensitive ears of the ham receiver,  
Who records this data with ardent fever.

He knows he's doing something unique,  
(in such poor conditions, that's quite a feat!)  
To roger the message that came off the air,  
These brass pounders sure do have that flair.

They say Morse ops are a dying breed,  
But don't despair, there's always that need,  
That when conditions get rough for the new automation,  
Be rest assured, there'll be need for your station,

CW is dying? believe it never,  
This mode will be 'round forever and ever,  
But one thing is sure, what we really need,  
Is to relay our knowledge to the younger breed.

To carry the torch, long after we're gone,  
To send Morse Code thru the air like a song,  
When at last, Silent Keys pull that final lever,  
We can rest in peace, it's CW forever.

Jim Hatherley, WA1TBY 7/4/85  
(Submitted by AK1E / Dan Morehouse)



# W5YI REPORT

National Volunteer Examiner Coordinator

## HAM RADIO MAGAZINE TO END

May 15, 1990

At Dayton, Ham Radio Magazine publisher **Skip Tenney/W1NLB** and CQ Magazine publisher **Dick Ross/K2MGA** made the startling announcement that CQ Communications Inc. has acquired Ham Radio Magazine and the Ham Radio Bookstore. CQ Communications publishes CQ Magazine, Popular Communications, Modern Electronics, Electronic Servicing and Technology, and the buyer's guides and Spanish editions of CQ.

According to Tenney, the last issue of Ham Radio will be June 1990. Existing subscriptions to Ham Radio will be served on an issue-for-issue basis with CQ. Subscribers to Ham Radio who already subscribe to CQ will be able to extend their CQ subscriptions or obtain other titles in the CQ publications group.

WANTED WANTED

10-80 METER VERTICLE ANTENNA

OR 10-40 OR 80 TRAP DIPOLE

AM & SSB CB RADIO; BASE AND OR MOBILE

1/4 WAVE METAL WHIP CB ANTENNA

NL7BJ PAUL AT (H)248-5312 (W)261-3156

## AMATEUR CALL SIGN ASSIGNMENT SYSTEM

The FCC issued a Public Notice on April 19 explaining how it issues call signs to amateur radio stations. A new call sign is sequentially selected from the alphabetized regional-group list for the licensee's operator class and mailing address. Each call sign has a one or two letter prefix and a one, two or three letter suffix separated by a numeral indicating the geographic region. Certain combinations of letters are not used. When the call signs in any regional-group list are exhausted, the selection is made from the next lower group.

The groups are:

### **Group A Call Signs for Extra Class Operators:**

**Regions 0-9:** K, N, W and 2 letter suffix; 2 letter prefix with first letter A, K, N or W and 1 letter suffix; and 2 letter prefix with first letter A (second letter A through K) and 2 letter suffix.

**Region 11:** Prefix AL, KL, NL, WL and 1 letter suffix.

**Region 12:** Prefix KP, NP, WP and 1 letter suffix.

**Region 13:** Prefix AH, KH, NH, WH & 1 letter suffix.

**Note:** Region 11 is Alaska with a geographical designator of "7"; Region 12 includes all stations in the Carribean, geographical designator 2 or 4; and Region 13, the pacific islands including Hawaii, (0, 2, 3, 4, 6, 7, 8, and 9).

### **Group B Call Signs: [Advanced Class]**

**Regions 0-9:** Two letter prefix with first letter K, N, W and two letter suffix.

**Region 11:** Prefix AL and two letter suffix.

**Region 12:** Prefix KP and two letter suffix.

**Region 13:** Prefix AH and two letter suffix.

### **Group C Call Signs: [General and Technician]**

**Regions 0-9:** Prefix K, N, W and 3 letter suffix.

**Note:** FCC is only assigning the "N" prefixes and will not issue unassigned K or N 1X3 format call signs. Instead Group D 2X3 are next issued.

**Region 11:** Prefix KL, NL or WL and 2 letter suffix.

**Region 12:** Prefix NP or WP and 2 letter suffix.

**Region 13:** Prefix KH, NH or WH and 2 letter suffix.

### **Group D Call Signs: [Novice Class]**

**Regions 0-9:** Prefix KA through KZ or WA through WZ and 3 letter suffix.

**Region 11:** Prefix KL or WL with 3 letter suffix.

**Region 12:** Prefix KP or WP with 3 letter suffix.

**Region 13:** Prefix KH or WH with 3 letter suffix.

**The FCC added:** "No request for a specific call sign is granted. A call sign is only changed when the licensee requests a change by application (FCC Form 610, Item 2E). Each change in call sign is processed as a new call sign (with a new 10 year term). A station is reassigned its same call sign upon renewal or modification of its license, unless a call sign change is requested. Because a call sign can be so reassigned only when the licensee information resides in the computer data base, the information is retained in the data base for two years beyond expiration to provide a grace period during which persons who un-intentionally fail to renew their licenses have additional time to do so. An application filed beyond the grace period is processed for a new license because the record has been deleted from the data base."

[Source: FCC, Washington, DC]



ANCHORAGE AMATEUR RADIO CLUB, INC.  
Post Office Box 101987  
Anchorage, Alaska 99510-1987

Address Correction Requested

BULK RATE  
U.S. POSTAGE

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Anchorage, AK  
Permit 223

LB36 EX L KL7 HFQ  
ROGER HANSEN  
POB 520343  
BIG LAKE AK 99652

**TOT**

**TEN TEC**

**THOMAS RADIO**

**15751 Stanwood Cr.**

**Anchorage, Ak. 99516**

**(907) 345-7837 evenings**

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Information from May 1990 Good Sam RV Radio Network Newsletter, Submitted by KL7DZE--Mike

Amateur Service Departments  
Compiled by Pete Kemp, K2IZ

|                  |                                     |                |
|------------------|-------------------------------------|----------------|
| AEA              | Customer Service                    | (206) 775-7373 |
| Alinco           | Customer Service                    | (213) 618-8616 |
|                  | FAX                                 | (213) 618-8758 |
| Ameritron        | Service                             | (419) 531-3024 |
| Azden (Am Whole) | Customer Service                    | (404) 769-8706 |
|                  | Repair (from 2-4 pm only)           | (404) 769-8706 |
|                  | FAX (from 7 pm - 10 am)             | (404) 769-7970 |
| B & W            | Customer Service                    | (215) 788-5581 |
| Butternut        | Service/parts/technical information | (512) 398-7117 |
| Cushcraft        | Service/parts/technical information | (603) 627-7879 |
| ETO              | Customer Service                    | (719) 260-1191 |
|                  | FAX                                 | (719) 260-0395 |
| Hy-Gain          | Rotor Parts                         | (402) 465-7021 |
|                  | Antenna/Tower/parts                 | (402) 465-7022 |
|                  | Technical Assistance                | (800) 328-3771 |
| ICOM             | Service                             | (206) 454-7619 |
|                  | Parts                               | (206) 454-8155 |
|                  | FAX                                 | (206) 454-1509 |
| JRC              | Customer Service                    | (212) 355-1180 |
| Kenwood          | Service                             | (213) 639-7140 |
|                  | Parts                               | (213) 639-9000 |
|                  | FAX                                 | (213) 609-2127 |
| MFJ              | Service/parts                       | (601) 323-5859 |
| Telrex           | Customer Service                    | (201) 775-7252 |
| Ten-Tec          | Service/parts                       | (615) 453-7172 |
| Yaesu            | Service                             | (213) 404-4884 |
|                  | Parts                               | (213) 404-4847 |
|                  | FAX                                 | (213) 404-1210 |